

LIST OF REFERENCES CITED BY APPLICANT

(Use several sheets if necessary)

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APPLICATION NO.

09/009,846

APPLICANT

Zambias *et al.*

FILING DATE

January 20, 1998

GROUP

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
pp	AA	4,631,211	12/23/86	Houghten			
	AB	5,010,175	04/23/91	Rutter <i>et al.</i>			
	AC	5,143,854	09/01/92	Pirrung <i>et al.</i>			
	AD	5,223,409	06/29/93	Ladner <i>et al.</i>			
	AE	5,225,533	06/06/93	Rutter <i>et al.</i>			
	AF	5,288,514	02/22/94	Ellman			
	AG	5,300,425	04/05/94	Kauvar			
pp	AH	5,324,483	06/28/94	Cody <i>et al.</i> (Reexamination Certificate Issued 09/24/96)			
	AI	5,359,115	10/25/94	Campbell <i>et al.</i>			
	AJ	5,367,053	11/22/94	Dooley <i>et al.</i>			
	AK	5,424,186	06/13/95	Fodor <i>et al.</i>			
	AL	5,449,754	09/12/95	Nishioka			
	AM	5,463,564	10/31/95	Agrafiotis <i>et al.</i>			
	AN	5,464,759	11/07/95	Coolidge <i>et al.</i>			
	AO	5,571,698	11/05/96	Ladner <i>et al.</i>			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
pp	AP	EP 0 604 552 B1	02/12/97	EPO				
	AQ	WO 90/15,070	12/13/90	PCT				
	AR	WO 91/17,271	11/14/91	PCT				
	AS	WO 91/19,735	12/26/91	PCT				

pp	AT	WO 91/19,818	12/26/91	PCT					
	AU	WO 92/10,092	06/25/92	PCT					
	AV	WO 93/09,668	05/27/93	PCT					
	AW	WO 93/20,242	10/14/93	PCT					
	AX	WO 93/22,684	11/11/93	PCT					
	AY	WO 94/08,051	04/14/94	PCT					
	AZ	WO 94/08,711	04/28/94	PCT					
	BA	WO 95/02,566	01/26/95	PCT					
	BB	WO 95/16,209	06/15/95	PCT					
	BC	WO 95/32,425	11/30/95	PCT					
	BD	WO 96/23,749	08/08/96	PCT					

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

pp	BE	Baldwin <i>et al.</i> , 1995, "Synthesis of a Small Molecule Combinatorial Library Encoded with Molecular Tags," <u>J. Am. Chem. Soc.</u> <u>117</u> :5588-5589
	BF	Barbas <i>et al.</i> , 1993, "Direct selection of antibodies that coordinate metals from semisynthetic combinatorial libraries," <u>Proc. Natl. Acad. Sci. U.S.A.</u> <u>90</u> :6385-6389
	BG	Boyce <i>et al.</i> , 1994, "Peptidosteroidal Receptors for Opioid Peptides. Sequence-Selective Binding Using a Synthetic Receptor Library," <u>J. Am. Chem. Soc.</u> <u>116</u> :7955-7956
	BH	Brenner and Lerner, 1992, "Encoded combinatorial chemistry," <u>Proc. Natl. Acad. Sci. U.S.A.</u> <u>89</u> :5381-5383
	BI	Bunin and Ellman, 1992, "A General and Expedient Method for the Solid-Phase Synthesis of 1,4-Benzodiazepine Derivatives," <u>J. Am. Chem. Soc.</u> <u>114</u> :10997-10998
	BJ	Bunin <i>et al.</i> , 1994, "The combinatorial synthesis and chemical and biological evaluation of a 1,4-benzodiazepine library," <u>Proc. Natl. Acad. Sci. U.S.A.</u> <u>91</u> :4708-4712
	BK	Burbaum <i>et al.</i> , 1995, "A paradigm for drug discovery employing encoded combinatorial libraries," <u>Proc. Natl. Acad. Sci. U.S.A.</u> <u>92</u> :6027-6031
	BL	Campbell <i>et al.</i> , 1995, "A Transition State Analogue Inhibitor Combinatorial Library," <u>J. Am. Chem. Soc.</u> <u>117</u> :5381-5382
	BM	Carell <i>et al.</i> , 1995, "New promise in combinatorial chemistry: synthesis, characterization, and screening of small-molecule libraries in solution," <u>Chemistry and Biology</u> <u>2</u> :171-183
	BN	Chabala, 1995, "Solid-phase combinatorial chemistry and novel tagging methods for identifying leads," <u>Current Opinion in Biotechnology</u> <u>6</u> :632-639

PA	BO	Chen <i>et al.</i> , 1994, "'Analogous' Organic Synthesis of Small-Compound Libraries: Validation of Combinatorial Chemistry in Small-Molecule Synthesis," <u>J. Am. Chem. Soc.</u> 116 :2661-2662
	BP	Cho <i>et al.</i> , 1993, "An Unnatural Biopolymer," <u>Science</u> 261 :1303-1305
	BQ	Christian <i>et al.</i> , 1992, "Simplified Methods for Construction, Assessment and Rapid Screening of Peptide Libraries in Bacteriophage," <u>J. Mol. Biol.</u> 227 :711-718
	BR	Cwirla <i>et al.</i> , 1990, "Peptides on phage: A vast library of peptides for identifying ligands," <u>Proc. Natl. Acad. Sci. U.S.A.</u> 87 :6378-6382
	BS	Desai <i>et al.</i> , 1994, "Recent Advances in the Generation of Chemical Diversity Libraries," <u>Drug Development Research</u> 33 :174-188
	BT	Devlin <i>et al.</i> , 1990, "Random Peptide Libraries: A Source of Specific Protein Binding Molecules," <u>Science</u> 249 :404-406
	BU	DeWitt <i>et al.</i> , 1993, "'Diversomers': An approach to non-peptide, nonoligomeric chemical diversity," <u>Proc. Natl. Acad. Sci. U.S.A.</u> 90 :6909-6913
	BV	Ecker <i>et al.</i> , 1993, "Rational screening of oligonucleotide combinatorial libraries for drug discovery," <u>Nucleic Acids Res.</u> 21 :1853-1856
	BW	Eichler <i>et al.</i> , 1994, "Cyclic Peptide Template Combinatorial Libraries: Synthesis and Identification of Chymotrypsin Inhibitors," <u>Peptide Research</u> 7 :300-307
	BX	Ellman, 1996, "Design, Synthesis and Evaluation of Small-Molecule Libraries," <u>Acc. Chem. Res.</u> 29 :132-143
	BY	Erb <i>et al.</i> , 1994, "Recursive deconvolution of combinatorial chemical libraries," <u>Proc. Natl. Acad. Sci. U.S.A.</u> 91 :11422-11426
	BZ	Fodor <i>et al.</i> , 1991, "Light-Directed, Spatially Addressable Parallel Chemical Synthesis," <u>Science</u> 251 :767-773
	CA	Freier <i>et al.</i> , 1995, "Deconvolution of Combinatorial Libraries for Drug Discovery: A Model System," <u>J. Med. Chem.</u> 38 :344-352
	CB	Furka <i>et al.</i> , 1991, "General method for rapid synthesis of multicomponent peptide mixtures," <u>Int. J. Peptide Protein Res.</u> 37 :487-493
	CC	Gallop <i>et al.</i> , 1994, "Applications of Combinatorial Technologies to Drug Discovery. 1. Background and Peptide Combinatorial Libraries," <u>J. Med. Chem.</u> 37 :1233-1251
	CD	Geysen and Mason, 1993, "Screening chemically synthesized peptide libraries for biologically-relevant molecules," <u>Bioorganic & Medicinal Chemistry Letters</u> 3 :397-404
	CE	Geysen <i>et al.</i> , 1987, "Strategies for epitope analysis using peptide synthesis," <u>Journal of Immunological Methods</u> 102 :259-274

pp	CF	Gordon <i>et al.</i> , 1994, "Applications of Combinatorial Technologies to Drug Discovery. 2. Combinatorial Organic Synthesis, Library Screening Strategies, and Future Directions," <u>J. Med. Chem.</u> 37 :1386-1401
	CG	Han <i>et al.</i> , 1995, "Liquid-phase combinatorial synthesis," <u>Proc. Natl. Acad. Sci. U.S.A.</u> 92 :6419-6423
	CH	Houghten, 1985, "General method for the rapid solid-phase synthesis of large numbers of peptides: Specificity of antigen-antibody interaction at the level of individual amino acids," <u>Proc. Natl. Acad. Sci. U.S.A.</u> 82 :5131-5135
	CI	Houghten <i>et al.</i> , 1991, "Generation and use of synthetic peptide combinatorial libraries for basic research and drug discovery," <u>Nature</u> 354 :84-86
	CJ	Jacobs and Fodor, 1994, "Combinatorial chemistry - applications of light-directed chemical synthesis," <u>TIBTECH</u> 12 :19-26
	CK	Jung and Beck-Sickinger, 1992, "Multiple Peptide Synthesis Methods and Their Applications," <u>Angew. Chem. Int. Ed. Engl.</u> 31 :367-383
	CL	Kerr <i>et al.</i> , 1993, "Encoded Combinatorial Peptide Libraries Containing Non-Natural Amino Acids," <u>J. Am. Chem. Soc.</u> 115 :2529-2531
	CM	Kick and Ellman, 1995, "Expedient Method for the Solid-Phase Synthesis of Aspartic Acid Protease Inhibitors Directed toward the Generation of Libraries," <u>J. Med. Chem.</u> 38 :1427-1430
	CN	Krchňák and Lebl, 1995, "Synthetic library techniques: Subjective (biased and generic) thoughts and views," <u>Molecular Diversity</u> 1 :193-216
	CO	Lam <i>et al.</i> , 1991, "A new type of synthetic peptide library for identifying ligand-binding activity," <u>Nature</u> 354 :82-84
	CP	Latham <i>et al.</i> , 1994, "The application of a modified nucleotide in aptamer selection: novel thrombin aptamers containing 5-(1-pentynyl)-2'-deoxyuridine," <u>Nucleic Acids Res.</u> 22 :2817-2822
	CQ	Martin <i>et al.</i> , 1995, "Measuring Diversity: Experimental Design of Combinatorial Libraries for Drug Discovery," <u>J. Med. Chem.</u> 38 :1431-1436
	CR	Moran <i>et al.</i> , 1995, "Radio Frequency Tag Encoded Combinatorial Library Method for the Discovery of Tripeptide-Substituted Cinnamic Acid Inhibitors of the Protein Tyrosine Phosphatase PTP1B," <u>J. Am. Chem. Soc.</u> 117 :10787-10788
	CS	Murphy <i>et al.</i> , 1995, "Combinatorial Organic Synthesis of Highly Functionalized Pyrrolidines: Identification of a Potent Angiotensin Converting Enzyme Inhibitor from a Mercaptoacyl Proline Library," <u>J. Am. Chem. Soc.</u> 117 :7029-7030
	CT	Needels <i>et al.</i> , 1993, "Generation and screening of an oligonucleotide-encoded sythetic peptide library," <u>Proc. Natl. Acad. Sci. U.S.A.</u> 90 :10700-10704
	CU	Nielsen <i>et al.</i> , 1993, "Synthetic Methods for the Implementation of Encoded Combinatorial Chemistry," <u>J. Am. Chem. Soc.</u> 115 :9812-9813

OP	CV	Nikolaiev <i>et al.</i> , 1993, "Peptide-Encoding for Structure Determination of Nonsequenceable Polymers Within Libraries Synthesized and Tested on Solid-Phase Supports," <u>Peptide Research</u> 6 :161-170
	CW	Ohlmeyer <i>et al.</i> , 1993, "Complex synthetic chemical libraries indexed with molecular tags," <u>Proc. Natl. Acad. Sci. U.S.A.</u> 90 :10922-10926
	CX	Ostresh <i>et al.</i> , 1994, "'Libraries from libraries': Chemical transformation of combinatorial libraries to extend the range and repertoire of chemical diversity," <u>Proc. Natl. Acad. Sci. U.S.A.</u> 91 :11138-11142
	CY	Pease <i>et al.</i> , 1994, "Light-generated oligonucleotide arrays for rapid DNA sequence analysis," <u>Proc. Natl. Acad. Sci. U.S.A.</u> 91 :5022-5026
	CZ	Pinilla <i>et al.</i> , 1994, "Investigation of antigen-antibody interactions using a soluble, non-support-bound synthetic decapeptide library composed of four trillion (4×10^{12}) sequences," <u>Biochem. J.</u> 301 :847-853
	DA	Posner <i>et al.</i> , 1994, "Catalytic antibodies: perusing combinatorial libraries," <u>TIBS</u> 19 :145-150
	DB	Scott, 1992, "Discovering peptide ligands using epitope libraries," <u>TIBS</u> 17 :241-245
	DC	Scott and Smith, 1990, "Searching for Peptide Ligands with an Epitope Library," <u>Science</u> 249 :386-390
	DD	Sepetov <i>et al.</i> , 1995, "Library of libraries: Approach to synthetic combinatorial library design and screening of 'pharmacophore' motifs," <u>Proc. Natl. Acad. Sci. U.S.A.</u> 92 :5426-5430
	DE	Simon <i>et al.</i> , 1992, "Peptoids: A modular approach to drug discovery," <u>Proc. Natl. Acad. Sci. U.S.A.</u> 89 :9367-9371
	DF	Staňková <i>et al.</i> , 1994, "Application of One-Bead One-Structure Approach to Identification of Nonpeptidic Ligands," <u>Drug Development Research</u> 33 :146-156
	DG	Stephen and Lane, 1992, "Mutant Conformation of p53: Precise Epitope Mapping Using a Filamentous Phage Epitope Library,"
	DH	Wallace <i>et al.</i> , 1994, "A Multimeric Synthetic Peptide Combinatorial Library," <u>Peptide Research</u> 7 :27-31
	DI	Wu <i>et al.</i> , 1994, "Identifying Substrate Motifs of Protein Kinases by a Random Library Approach," <u>Biochemistry</u> 33 :14825-14833
✓	DJ	Zuckermann <i>et al.</i> , 1994, "Discovery of Nanomolar Ligands for 7-Transmembrane G-Protein-Coupled Receptors from a Diverse N-(Substituted)glycine Peptoid Library," <u>J. Med. Chem.</u> 37 :2678-2685

EXAMINER

P. Ponnalan

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